

20020224.ba v03\_n301.bam.20020224

>From ???@??? Sun Feb 24 06:38:50 2002 -0600  
Message-Id: <200202241238.g10CccPN004961@sco.theporch.com>  
Date: Sun, 24 Feb 2002 12:38:10 GMT  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 3301

BOATANCHORS Digest 3301

Topics covered in this issue include:

- 1) FOR SALE: ARRL ANTENNNA COMPENDIA  
by JOHN.SEHRING@ecunet.org
- 2) FS: Plate transformer and modulation iron  
by "Tom Smith" <tsmith@hal-pc.org>
- 3) Re: Curly cords  
by "Steve" <scb@fly.hiwaay.net>
- 4) Re: Question for group  
by "Steve" <scb@fly.hiwaay.net>
- 5) Re: WS52(Can.) Modified HV Supply  
by =?iso-8859-1?Q?Andr=E9\_Guibert?= <aguibert@sympatico.ca>
- 6) Hallicrafters SX-42 / R-42 gray paint  
by Scott Robinson <spr@earthlink.net>
- 7) Millen 90801  
by w5sum@glowbugs.com
- 8) Re: Question for group  
by jackiv@juno.com
- 9) HP Counter Question  
by "Dan Martin" <dmartin@visuallink.com>
- 10) PARAGON 2-5-U??  
by "Nick England" <nick@3rdtech.com>
- 11) Re: PARAGON 2-5-U??  
by W0EOM@aol.com
- 12) loose tuning slugs  
by Arden Allen <gumbear@pacbell.net>
- 13) Re: Question for group  
by Arden Allen <gumbear@pacbell.net>
- 14) Re: HP Counter Question  
by Arden Allen <gumbear@pacbell.net>
- 15) Air Force manuals--"rules of Ware"  
by Dave Metz <metzd@intelos.net>
- 16) How to clean up the chassis?  
by WYsixK <wy6k@yahoo.com>
- 17) Telefunken PE102 & PE103  
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
- 18) Re: PARAGON 2-5-U??

by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>  
19) Fisher Laboratories, Palo Alto  
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>  
20) ARC-2  
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>  
21) Re: Fisher Laboratories, Palo Alto  
by Kargokult@aol.com  
22) Re: ARC-2  
by Kargokult@aol.com  
23) Re: ARC-2  
by W7QH0@aol.com  
24) Re: Fisher radios  
by Kargokult@aol.com  
25) Re: ARC-2  
by Al Klase <skywaves@bw.webex.net>

-----  
Date: Fri, 22 Feb 2002 16:38:46 -0500 (EST)  
Message-Id: <200202222138.g1MLck100168@ecunet.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: FOR SALE: ARRL ANTENNNA COMPENDIA  
From: JOHN.SEHRING@ecunet.org

To: boatanchors@theporch.com

For sale:

1. The ARRL Antenna Compendium, Vol. 2, \$10.
2. The ARRL Antenna Compendium, Vol. 3, \$8.

Both absolutely brand new, never even been cracked!  
Prices plus shipping. (Ps email me directly.)

-John Sehring (Fri, Feb 22, 2002, 2:58 pm CT @ Ipswich SD) WB0EQ UCC  
"Live long and prosper." --John 10.10

-----  
Message-ID: <008f01c1bbf6\$d8698ef0\$2581b4ce@tsmith>  
From: "Tom Smith" <tsmith@hal-pc.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: FS: Plate transformer and modulation iron  
Date: Fri, 22 Feb 2002 15:14:49 -0800  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="-----\_NextPart\_000\_008C\_01C1BBB3.AB797B50"

This is a multi-part message in MIME format.

-----=\_NextPart\_000\_008C\_01C1BBB3.AB797B50  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

I have a potted 5300 vct rated at 400ma available. I bought it for a amp =  
that never materialized. The case is kind of rusty from setting in my =  
garage. I planned to clean it up and give it a coat of black krinkle =  
paint. It weighs a bunch but of course can be shipped. I'll sell it =  
either with or without new paint. A paint job will be nominal but will =  
delay shipping until I find the time to clean it and until it dries =  
enough to ship. Is anyone interested in this beast?=20

I also have some rather large modulation iron. I would have to look a =  
little closer to get specifics. One of them is potted and about a cubic =  
foot in size. The other is a smaller open frame transformer (still =  
heavy).=20

Offers?

Thanks,  
Tom N5AMA

-----=\_NextPart\_000\_008C\_01C1BBB3.AB797B50  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

\*\*\*\*\*  
\* ---REMAINDER OF MESSAGE TRUNCATED--- \*  
\* This post contains a forbidden message format \*  
\* (such as an attached file, a v-card, HTML formatting) \*  
\* Mail Lists at theporch.com only accept PLAIN TEXT \*  
\* If your postings display this message your mail program \*  
\* is not set to send PLAIN TEXT ONLY and needs adjusting \*  
\*\*\*\*\*

-----=\_NextPart\_000\_008C\_01C1BBB3.AB797B50--

-----  
Message-Id: <200202230044.g1N0ib8w029742@mail.hiwaay.net>  
From: "Steve" <scb@fly.hiwaay.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Date: Fri, 22 Feb 2002 18:44:14 +0000  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Subject: Re: Curly cords

CC: Old Tube Radios <boatanchors@theporch.com>

Hi Bob;

You might try DOT 3 (the non-silicone!) brake fluid. It was a shop standby. I had great luck also with the Walsco revitalizer. It helps to sand off the initial glazed layer before treatment regardless.

Steve Bringhurst

-----  
Message-Id: <200202230046.g1N0kL8w032341@mail.hiwaay.net>

From: "Steve" <scb@fly.hiwaay.net>

To: Old Tube Radios <boatanchors@theporch.com>

Date: Fri, 22 Feb 2002 18:45:58 +0000

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

Subject: Re: Question for group

CC: Old Tube Radios <boatanchors@theporch.com>

Hi Jim;

Dynaco offered this amp as a PA amp as well as a "home audio" amp. My Mk-II came out of an electronic organ, F.I. There were loads of surplus Dynaco MK-III PA output xformers on the mkt for years, couldn't find the others for love nor money.

Rgds; Steve Bringhurst

-----  
Message-ID: <000301c1bc0b\$7c181620\$a4b0e2d1@b1yhpg64>

From: =?iso-8859-1?Q?Andr=E9\_Guibert?= <aguibert@sympatico.ca>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: WS52(Can.) Modified HV Supply

Date: Fri, 22 Feb 2002 20:42:37 -0500

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Bonsoir to All

Found out that my spare WS(Can.) power supply had no brushes on the 1200v. dynamotor output, hauled out my display unit and also no brushes on the 1200v either.

Had a second look at "Wireless for the Warrior, Volume 2" page WS52 - 22, it described a mod. consisting of a piggy back mounted more efficient dynamotor on top of the P/S section and the removal of the brushes on the

existing  
dynamotor.

My station was reconditioned in 1966, but no sign of this mod.  
Anybody has such a modified set up?  
Andre

-----  
Message-Id: <v03007815b89cfd58e49e@[66.32.62.239]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Sat, 23 Feb 2002 00:13:38 -0800  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Scott Robinson <spr@earthlink.net>  
Subject: Hallicrafters SX-42 / R-42 gray paint

Folks,

I am now taking a look at the SX-42 cabinet, and it would benefit from paint. The front panel is OK. My beat-up R-42 absolutely needs paint, partly because some dodo installed an additional 10 inch speaker and drilled a pattern of holes for a grille on the right side. Its paint has also aged to a disgusting greenish gray approaching olive drab. This ain't military hardware.

I'd like to use industrial powder coat paint as it is very tough, and I can probably get one of the companies we use at work to do it, price not known at this time. Next question is color and texture.

I should probably more or less match the front panel, but what was the original color scheme? Were the SX cabinet, the SX panel, and the R-42 all the same color? Does anyone know an ANSI color number for the right color?

All help gratefully received.

BTW, here's a hint for securing tuning slugs that have gotten loose enough that they might move around with modest vibration and change the alignment. A soldering iron plus a birthday cake sized candle will do the trick, no fuss, no muss, no waiting for anything to set up.

Regards,

Scott Robinson  
spr@earthlink.net

Junque is GOOD for you!

-----  
From: w5sum@glowbugs.com  
To: Old Tube Radios <boatanchors@theporch.com>  
Date: Sat, 23 Feb 2002 08:30:41 -0600  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Subject: Millen 90801  
Message-ID: <3C775331.29223.4A859F@localhost>

Gentleman

I have recently become the proud father of a Millen 90801 that will be the exciter in my homebrew 813/805 rig that is under construction.

I have the schematic I downloaded from Bama, but no other information. I will shortly embark upon building a power supply for this little rig but need specifications for it.

Can someone help me with the requirements?

I'm sure 600+ for B+ is close  
but screen and grid requirements I'm not sure of.

any help would be greatly appreciated

thanks

de w5sum

-----  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: boatanchors@theporch.com  
Date: Sat, 23 Feb 2002 09:01:36 -0600  
Subject: Re: Question for group  
Message-ID: <20020223.090136.1632.0.jackiv@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
From: jackiv@juno.com

Howdy people. { That Dynaco amp could have been used to drive the modulator tubes in the Johnson KW Desk.}  
To further clarify, the original "Line out "on the power amp was 500 ohms. This conflicted with the

NEC (National Electric Code as to voltage vs insulation and distribution methods. With proper inverse feedback in the amp a 70 v. limit could be stated. Not long after this the 25v line was developed. This allowed "class 2" wiring and distribution, no need for the 300v insulation and associated conduit. Just use twisted pair of wire sixe to handle the current.

NOW, let the comments roll.

JACK K0EWU

On Fri, 22 Feb 2002 08:48:11 -0600 "A. B. Bonds" <ab@vuse.vanderbilt.edu> writes:

> At 08:32 PM 2/21/2002 -0500, you wrote:

>

> >>Hi Gang,

> >

> >I received the following inquiry and wonder if anyone can shed any  
> light

> >on the question.

> >Tnx es 73,

> >Jim W8ZR

> >

> >

> >>

> >> I am a collector/restorer of late 50's thru 60's tube hifi  
> gear.

> >> My interest is primarily Dynaco brand equipment.

> >> I recently purchased a Dynaco Mark3 tube amp "bare chassis"  
> >> which appears to be NOS of early 1970's vintage just prior

> to

> >> the demise of the company.

> >> Unlike a number of other Mark3 amps I own including many  
> others

> >> I have seen over the years, this specific unit includes an  
> added

> >> output terminal adjacent to the speaker outputs marked  
> 70volt.

> >> I was told that this amp (chassis) was destined to be a  
> power

> >> supply for a Ham radio.I was not aware that Dynaco was in  
> this

> >> market nor am I sure this is the correct explanation.

>

> Horse-hockey. "70 v" on an audio amp is simply the high-impedance  
> distribution line. For amps required to drive a large number of  
> speakers

> (e.g., throughout a building) this line is run, and pickoff  
> tranformers are

> used for each speaker. These transformers usually have different

> secondary  
> taps depending on how much power is to be delivered to the local  
> speaker.  
>  
> "Power supply for a ham radio" indeed. Sheesh. ;)  
>  
> A. B. Bonds  
>  
>

-----  
Message-ID: <002d01c1bc81\$3308c3a0\$26649bd0@dmartin>  
From: "Dan Martin" <dmartin@visuallink.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: HP Counter Question  
Date: Sat, 23 Feb 2002 10:46:02 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Friends:

What's the difference between the 5245M and L versions of HP's venerable counter? Anyone with an operating knowledge of the HP-5245-series of counters please contact me directly. I have a 5245M counter here on the bench, sans manual, and have a couple of other questions. (In an attempt to legitimize my posting on a sand-state piece of test gear, this *\*is\** for use with my HP606A, truly a tube boatanchor if ever there was one!)

Thanks,

Dan  
WB4GRA

-----  
Message-ID: <005801c1bc8a\$b265a880\$2180f7a5@unccompsci>  
From: "Nick England" <nick@3rdtech.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: PARAGON 2-5-U??  
Date: Sat, 23 Feb 2002 11:53:58 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I got e-mail from someone who had inherited a "very old PaRAGON 2-5-U RADIO-TRANSMITTER - PHONE". This name doesn't mean anything to me - how



about you folks?  
73 & Have Fun,  
Nick KD4CPL  
nick@3rdtech.com

-----  
From: W0E0M@aol.com  
Message-ID: <17f.40db8b2.29a924e9@aol.com>  
Date: Sat, 23 Feb 2002 12:01:29 EST  
Subject: Re: PARAGON 2-5-U??  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: boatanchors@theporch.com  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="part1\_17f.40db8b2.29a924e9\_boundary"

--part1\_17f.40db8b2.29a924e9\_boundary  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Nick - the 2-5-U was one of the first factory transmitters available to hams.  
circa 1925.

used to own one, and it should be worth \$1000 or more if in good condition.

Will

--part1\_17f.40db8b2.29a924e9\_boundary  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

\* \* \* \* \*  
\* ---REMAINDER OF MESSAGE TRUNCATED--- \*  
\* This post contains a forbidden message format \*  
\* (such as an attached file, a v-card, HTML formatting) \*  
\* Mail Lists at theporch.com only accept PLAIN TEXT \*  
\* If your postings display this message your mail program \*  
\* is not set to send PLAIN TEXT ONLY and needs adjusting \*  
\* \* \* \* \*

--part1\_17f.40db8b2.29a924e9\_boundary--

-----  
Date: Sat, 23 Feb 2002 10:47:41 -0800  
From: Arden Allen <gumbear@pacbell.net>  
Subject: loose tuning slugs  
To: Old Tube Radios <boatanchors@theporch.com>

Message-id: <0GS00028V1J9M0@mta5.snfc21.pbi.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=ISO-8859-1  
Content-transfer-encoding: 7bit

Scott Robinson brings up the subject of loose tuning slugs:

> BTW, here's a hint for securing tuning slugs that have gotten loose  
enough  
> that they might move around with modest vibration and change the  
alignment.  
> A soldering iron plus a birthday cake sized candle will do the trick, no  
> fuss, no muss, no waiting for anything to set up.

I bought a blob of beeswax at a hardware store many moons ago and use it  
for the same trick but it is not always the best solution. Great for  
Hallicrafters SX-28 slugs, however. I picked up a trick used in Japanese  
made consumer products. As originally manufactured, adjustable coils would  
have a tiny rubber 'noodle' between the slug and coil form. I couldn't  
find rubber bands with a small enough cross section to use as replacements  
so I was forced to experiment. I found that a piece of waxed lacing tape,  
sometimes one and sometimes two strands would work well. With even smaller  
coils I've used waxed dental tape (flat dental floss).

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

-----  
Date: Sat, 23 Feb 2002 10:54:57 -0800  
From: Arden Allen <gumbear@pacbell.net>  
Subject: Re: Question for group  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <0GS0002U11V9L4@mta5.snfc21.pbi.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=ISO-8859-1  
Content-transfer-encoding: 7bit

Hi Jack;

> .....With proper inverse feedback in the amp a 70 v. limit could be  
> stated. ....

Here's my rolling comment: Please elaborate on this statement.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

-----  
Date: Sat, 23 Feb 2002 11:05:50 -0800  
From: Arden Allen <gumbear@pacbell.net>

Subject: Re: HP Counter Question  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <0GS00021R2DFLF@mta5.snfc21.pbi.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=ISO-8859-1  
Content-transfer-encoding: 7bit

Hi Dan;

> What's the difference between the 5245M and L versions of HP's venerable  
> counter? .....

The "M" came out a few years after the "L". It featured an improved time base with slightly better long and short term stability and rapid warm-up. Otherwise they are identical (source: 1970 HP catalog).

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

-----  
Message-Id: <4.3.2.7.2.20020223221515.00ab5870@mail>  
Date: Sat, 23 Feb 2002 22:32:32 -0600  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Dave Metz <metzd@intelos.net>  
Subject: Air Force manuals--"rules of Ware"  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

I have a group of USAF charts and diagrams from a Keesler AFB course that cover at least the following: ARC's: 27,34,58,65  
RT 178 and a transceiver 618s1. They are all BA stuff and folded over double and are a stack about 3". Apparently no procedures, just diagrams and schematics. I would like to use the "rules of Ware" ----- the best story or person who has helped me out will be the winner. (only cost: postage).

73's  
dave

-----  
Message-ID: <20020224043512.45143.qmail@web10908.mail.yahoo.com>  
Date: Sat, 23 Feb 2002 20:35:12 -0800 (PST)  
From: WYsixK <wy6k@yahoo.com>  
Subject: How to clean up the chassis?  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Ok, I give. I've tried washing with soap and water and WD40. Then I've been

polishing until my  
dremel and my fingers are shot using Mother's Aluminum polish and Semi-Chrome  
Aluminum polish.  
There must be a better way! The old 75A4 that I had Howard restore came back with  
the chassis  
looking like it was made yesterday. Using the aluminum polish like I've been  
doing you also  
cannot get to all the areas - like up close to a transformer can. And it looks all  
splotchy and  
terrible! The radio that Howard restored didn't have any of those splotchy "can't  
get to them"  
areas. How do these guys who really know what they are doing get ALL of the  
aluminum to look like  
it's new? It looks like they hosed it off with some magic chemical aluminum  
restorer and then  
hosed it off with water. But what chemical and what do you do about plastic dial  
scales etc?  
Help!

Micheal

-----  
Do You Yahoo!?  
Yahoo! Sports - Coverage of the 2002 Olympic Games  
<http://sports.yahoo.com>

-----  
Date: Sat, 23 Feb 2002 23:35:44 -0500 (EST)  
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>  
Message-Id: <200202240435.XAA18194@aa4rm.ba-watch.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Telefunken PE102 & PE103

Apparrent DF (huf-duf) RXs fm late 60s

Refugees fm elderly etired Col.'s collection that appeared near N. Georgia  
cadaver site today.

ID help???

Marty

----->

To: bob@atl.org  
Cc: w2cqhq@astinet.net  
Subject: Re: O.K. Here are the REAL photos :-)  
Bcc: marty

Sure looks familiar & wow do you work fast!

Can you say Wullenwebber?

Think these were specially built to work with one of those huge arrays.

Bet we've got some looney mementos of the cold war!!!

'rm

[http://199.184.215.33/catalog/view\\_item.php?id=345](http://199.184.215.33/catalog/view_item.php?id=345)

-----  
Date: Sat, 23 Feb 2002 23:41:40 -0500 (EST)  
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>  
Message-Id: <200202240441.XAA18578@aa4rm.ba-watch.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: PARAGON 2-5-U??

Nick Paragon built one of the first regen. RXs just after 1920 amateur radio ban lifted.

Recall reading they also build a TNT transmitter & this is probably an example.

Wow, a rare.

Wouldn't you know I have a later, say 1922, BC-band Paragon TRF RX. 1st 1920-ish ham-job was a 1-tube regen & a pal has one that one of his kids found trashed in a nearby old neighborhood 20 yrs. back.

Marty

-----  
Date: Sat, 23 Feb 2002 23:47:12 -0500 (EST)  
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>  
Message-Id: <200202240447.XAA18935@aa4rm.ba-watch.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: w2cqh@astinet.net  
Subject: Fisher Laboratories, Palo Alto

Found a TS-25 & a RS-25 RX/TX pair near Noble, GA today. These seem to be a xtal-controlled ship-shore pair made ~1940. All capacitors were Oakland, CA Gierard-Hopkins which were in 1st HP 200s.

TX uses 807 & 2 6L6 mod.s. TX & RX xtal controlled w. on 4 chan.s w. great big FT171 xtal,s

Tho look to be pre-WW2, each has MFP '51 stamp.

Go figure.

C'mon left coasters

Marty

-----  
Date: Sat, 23 Feb 2002 23:53:55 -0500 (EST)  
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>  
Message-Id: <200202240453.XAA19422@aa4rm.ba-watch.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: w2cqh@asti.net  
Subject: ARC-2

More Noble, GA appearances.

Anyone run an ARC-2? Know there was a OTB art'l on 'em years ago.

Looks like 1st AM xcvr. 2-9mcs that, coincidentally, jived w. ARC-5  
(SCR 274) command set range.

No accident that 2 1625s in PA, 2 in modge-u-later.

AND HEY! Came some I87B command-set tune-up panels I'd never seen 'til  
12 hours ago.

That nearby haywire crematory sure drove some oddities out the woodwork.

'rm

-----  
From: Kargokult@aol.com  
Message-ID: <a8.70fa158.29a9ccac@aol.com>  
Date: Sat, 23 Feb 2002 23:57:16 EST  
Subject: Re: Fisher Laboratories, Palo Alto  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: wb6nvh@mbay.net  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I owned one of these sets years ago. Never figured out the original  
role either. The xtals were'nt enough, nor of the right freqs for  
ship role. Nor were the xtals for Forest Service or police frequencies.  
The pro's have all been stumped.

Hue Miller

-----  
From: Kargokult@aol.com  
Message-ID: <6c.17f810dc.29a9d93d@aol.com>  
Date: Sun, 24 Feb 2002 00:50:53 EST  
Subject: Re: ARC-2  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: wb6nvvh@mbay.net  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

polepeeg@aaa4rm.ba-watch.org signalled:

<< Anyone run an ARC-2? Know there was a OTB art'l on 'em years ago.

Looks like 1st AM xcvr. 2-9mcs that, coincidentally, jived w. ARC-5  
(SCR 274) command set range.

No- not 1st AM xcvr. An easy earlier suggestion would be the No.19 MK2,  
and then there were all kinds of other WW2 sets also. But we could  
debate maybe whether they were xcvr or the more common "receiver-  
transmitter" units, i.e. 1 receiver and 1 transmitter sharing same housing.  
The "xcvr" did share common circuitry, as for example the WS No. 19.  
But- i believe i remember seeing some add for a pre-war ham HF xcvr  
by some little known company - probably none survive. Oh yes- boat  
radios and Forest Service xcvars, prewar also.

Now- ARC-2 - nice looking and well built set, really has the Nifty Fifties  
Navair look. I think i counted 38 slug tuned coils in the movable rack.  
The weirdness is in the movable IF which tracks exactly the PT0,  
1 - 1.5 MHz. So you basically have an HF radio with an IF in this  
range, and no further selectivity available, which tells you why this  
did not become the favorite most surplus radio of the 1960s after all.  
My suggestion was to use an idea from the RSGB handbook, a  
Q-mult using a 12AT7 type tube, in a cathode coupled (i think) osc.  
circuit, i.e. a "2 terminal" oscillator, that connects right across the  
first IF coil. Some have suggested regeneration in the IF, like just  
raising the tube suppressor above ground, but my opinion is,  
regenerative IF stage is for the birds (and sounds like one.)

That nearby haywire crematory sure drove some oddities out the woodwork.  
>>

What's the connection, i am curious to know. (Can reply off-list on that one.)  
regards, Hue

-----  
From: W7QHO@aol.com  
Message-ID: <11b.c368fa5.29a9e3af@aol.com>  
Date: Sun, 24 Feb 2002 01:35:27 EST  
Subject: Re: ARC-2  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

In a message dated 2/23/02 9:52:08 PM, Kargokult@aol.com writes (in part):

>So you basically have an HF radio with an IF in this  
>range, and no further selectivity available.....

Yep, bandpass is about 20 kc wide and varies over the IF range. I run mine with an ARC-5 broadcast band receiver connected off the ARC-2's first IF. Pull the IF coupling rods all the way out on the ARC-5 and the bandpass is great for AM. The ARC-5 has to be tuned along with the ARC-2, of course, but this is no problem given the small number of different AM frequencies in current use. Provides nice RIT capability for free too.

Dennis D. W7QHO  
Glendale, CA

-----  
From: Kargokult@aol.com  
Message-ID: <bb.1bab8375.29aa1be1@aol.com>  
Date: Sun, 24 Feb 2002 05:35:13 EST  
Subject: Re: Fisher radios  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Polepeeg, it was Fisher, wasn't it? I've already deleted your original.  
"This just in", from WB6NVH@mbay.net:

<<

The Fishers I have are RS25/TS25. I know about them thanks to some correspondence in the manual from Fisher to a customer. The Fishers were used by the Army during and shortly after WWII for point-to-point work, probably by MP's or perhaps more likely, the Army Corps of Engineers. They were discontinued about 1945.... They had either an AC supply or a DC supply. My Fisher pair was obtained sans-power supply, and although both sets were in unused condition, rats had been living in them and had badly trashed the transmitter, with the receiver in not much better shape, and the



outer cases were rusty. I have restored the exterior of the transmitter but the rat toilet interior was pretty bad, mainly the smell, which seems impossible to get rid of. I flushed and cleaned the chassis with ammonia many times and then sopped the top with spar varnish (home made MFP rejuvenator) and that seems to have worked, but I am not too happy about bringing them inside someday.

>>

via: HM

-----  
Message-ID: <3C78DE39.2434F1DD@bw.webex.net>

Date: Sun, 24 Feb 2002 07:36:09 -0500

From: Al Klase <skywaves@bw.webex.net>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

CC: Old Tube Radios <boatanchors@theporch.com>, wb6nvh@mbay.net

Subject: Re: ARC-2

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Kargokult@aol.com wrote:

> ....No- not 1st AM xcvr. An easy earlier suggestion would be the No.19 MK2....

Hue's right about the WS-19, and I'm somewhat surprised, having shared Marty's hunch about the ARC-2. The 19 set uses the receiver BFO to convert the receiver LO to the transmit frequency. See: <http://www.qsl.net/ve3bdb/Mk2fig1.jpg>

The ARC-2 is a fairly impressive design, none the less. A single PTO and multiplier chain tune both the TX and RX across four bands with the help of Hue's 38-slugs on gear-driven racks (precursor of the R-390) and a fairly convoluted frequency-multiplication/conversion architecture. Add to this the Collins Autotune mechanism that moves the main-tuning, band-switch, PA-tuning, and antenna-loading controls to one of 10 preset frequencies, and you've got a pretty impressive radio.

I have one of these sets I thought I could get one the air, but it has some mechanical difficulties.

73,

Al

--

Al Klase - N3FRQ

skywaves@bw.webex.net

Flemington, NJ 08822

Web Page: <http://www.webex.net/~skywaves/home.htm>

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End of BOATANCHORS Digest 3301

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